

CORRES. CONTROL  
INCOMING LTR NO.

22592 RF95

DUE  
DATE

ACTION

DIST.	LTR	ENC
BORGMAN, K.A.		
BUHL, T.R.		
CARD, R.G.		
DEAN, C.	X	X
EVANS, B.L.	X	X
FERRERA, D.W.		
GILLISON, W.R.		
GRANT, B.A.	X	X
HEDAHN, G.	X	X
HERRING, C.L.		
HILL, J.A.		
HUEMAN, T.P.		
KELL, R.E.		
KELLY, G.M.		
LAREAU, D.M.		
LEE, E.M.		
MANI, V.		
MARTINEZ, L.A.		
MCANALLY, J.L.		
McGOVERN, L.J.	X	X
McKAY, R.		
McKIBBIN, J.G.		
MEADOWS, S.M.		
OKEY, R.		
O'BRIEN, G.D.		
PANGERSIS, P.A.		
SANDLIN, N.B.		
SHUMWAY, W.K.	X	X
STAGG, R.		
STEELMAN, M.		
TUOR, N.R.		
TURNER, K.A.		
VOORHEIS, G.M.		
WALLER, C.A.		
A. Gomez, W.	X	X
STARDIN, S.	X	X

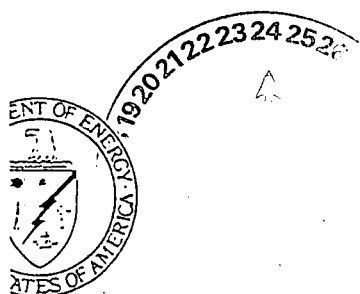
CORRES. CONTROL X X  
ADMIN RECORD/080  
PATS/T130G

Reviewed for Addressee  
Corres. Control RFP

10/24/95  
DATE BY

Ref Ltr. #

DOE ORDER # 4700.1



Department of Energy

ROCKY FLATS FIELD OFFICE  
P.O. BOX 928  
GOLDEN, COLORADO 80402-0928

OCT 23 1995

95-DOE-10659

RECEIVED

T. G. Hedahl

OCT 25 1995

Colorado Department of Public Health and Environment  
HMWMD-B2  
4300 Cherry Creek Drive South  
Denver, Colorado 80222-1530

Attention: Mr. Harlen Ainscough

Action to: \_\_\_\_\_ Info. to: \_\_\_\_\_  
Due Date: \_\_\_\_\_ Copy to: \_\_\_\_\_

Subject: Site Visit, Protected Area Reconfiguration Project  
300 Area at Rocky Flats Environmental Technology Site

Dear Mr. Ainscough:

This letter is to document the results of a visit to the proposed construction site for the Protected Area (PA) Reconfiguration project on October 13, 1995, by Colorado Department of Public Health and Environment (CDPHE) and DOE, Rocky Flats Field Office (RFFO) personnel, including:

Harlen Ainscough, Melani Arai, CDPHE  
Regina Sarter, Joe Springer, John Rampe, RFFO  
Mike Lehr, Paul Pigeon, RFFO Support Contractors

The purpose of the visit was familiarization with the proposed project site, especially the areas where the planned new section of Perimeter Intrusion Detection and Assessment System (PIDAS) and associated area of ground disturbance overlap with Individual Hazardous Substance Sites (IHSS's). These IHSS's were established pursuant to the Inter-Agency Agreement (IAG) for RCRA/CERCLA Corrective/Remedial Action at the Rocky Flats Environmental Technology Site (RFETS). The IHSS designations and approximate overlaps with the PA Reconfiguration project area are as follows:

Operable Unit (OU) 13 - 100 Area

IHSS 117.1 - North Chemical Storage Site  
IHSS 197 - Scrap Metal Sites

The PA Reconfiguration project area of disturbance will overlap only portions of the northerly 30 and 10 feet of IHSS's 117.1 and 197, respectively, where the new PIDAS section will tie in to the existing PIDAS adjacent to the Building 550 Guard Post.

OU 8 - 700 Area

IHSS 172 - Central Avenue Waste Spill

The PA Reconfiguration project area of disturbance will overlap about a 200 foot section of IHSS 172 along Sixth Street where this paved road slopes downhill to the northeast into the B771 area.



ADMIN RECORD

IA-A-000782

Joe Springer noted that actual construction will not begin until Fiscal Year 1998. The PA Reconfiguration project is currently in the planning and environmental review stage, and RFFO wanted CDPHE to be aware of this project plan in relation to the above described IHSS's.

During the site visit, Joe Springer described the types of disturbance that would take place in the IHSS's. In IHSS's 117.1 and 197, the surface would be scarified, consisting of removal of vegetation and organic soil in the top 6 inches of ground, and up to a 2 foot depth of soil may be excavated for installation of cables and/or to lower the surface elevation as preparation for laying a special gravel surface layer in the PIDAS. The excavated soils will be spread within the IHSS's.

In IHSS 172, the paved road surface will remain intact and, on the embankment on the Southeast shoulder of the road, the ground surface will be scarified and the excavated soil spread within the IHSS. Then, an approximately 10 to 25 foot thickness of uncontaminated structural backfill will be placed to raise the grade and create a gently sloping surface for the new PIDAS. The attached topographical map section indicates the boundaries of the IHSS's in the project area, the existing PIDAS fence line and roads, and the approximate limits of the disturbance area for the PA Reconfiguration project.

Regina Sarter pointed out that IHSS's 117.1 and 197 are considered by RFFO to represent very low health and environmental risks, based upon a risk ranking analysis completed recently by the RFETS Integrating Contractor, Kaiser-Hill Company. Harlen Ainscough agreed and noted that the small overlap areas for IHSS's 117.1 and 197 are not of concern to CDPHE. Although IHSS 172 was risk ranked somewhat higher (35th among over 100 Industrial Area IHSS's), it is a candidate for No Further Action along with 117.1 and 197, because calculated risk levels are low with respect to RCRA and CERCLA risk management policies. Moreover, as noted above, any soils disturbed will remain within the IHSS's, eliminating the potential for spread of contamination. However, the planned fill over IHSS 172 is of more interest to CDPHE since it, and the section of PIDAS to be installed on the fill, represent essentially permanent improvements to a relatively large area of the IHSS that would preclude future remediation of soil contamination.

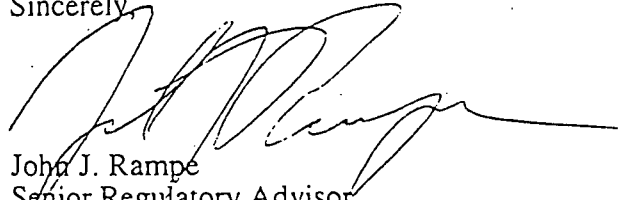
Paul Pigeon indicated that a few surface soil samples were taken on the shoulder of the road in the IHSS 172 overlap area as part of the Phase I Remedial Investigation for OU 8. Joe Springer indicated that sampling will be conducted in the disturbed area of the IHSS's per RFETS procedures; in addition, an on-site Soil Disturbance Permit will be issued for the entire PA Reconfiguration project prior to construction in the Industrial Area of the Site. Harlen Ainscough recollected that Sixth Street may have been unpaved at the time of the 1968 spill which caused the IHSS 172 designation. He recommended that RFFO consider conducting a limited but focused characterization of the soil beneath the asphalt in the overlap area and re-examine the existing radionuclide results for the OU 8 surface soil samples before proceeding with construction of the PIDAS section.

RFFO will review the historical record on IHSS 172 regarding the road surfacing of Sixth Street when the waste spill occurred and factor that into their sampling plan. RFFO will provide feedback to CDPHE on actions to be taken (such as pre-construction soil sampling) to assure that IHSS/IAG concerns are dealt with in a timely, appropriate manner.



If you have questions or comments on this record of the October 13 visit to the PA Reconfiguration project area, please feel free to contact Regina Sarter (966-7252), Joe Springer (966-4076) or myself (966-6246).

Sincerely,



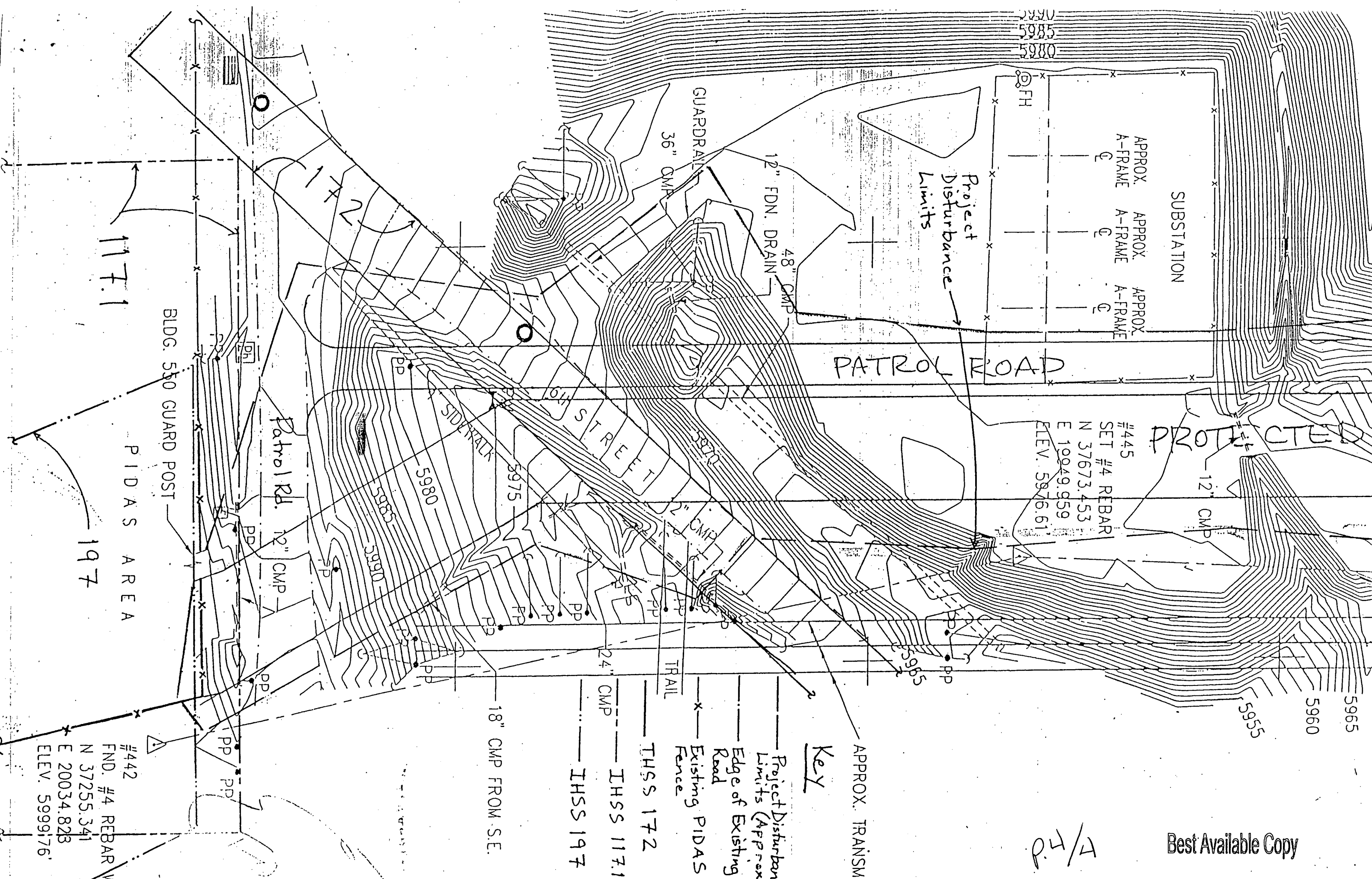
John J. Rampe  
Senior Regulatory Advisor  
Project Management and Engineering

Attachment

CC:

Melani Arai, CDPHE  
Jim Hartman, RFFO  
Mike Karol, RFFO  
Jessie Roberson, RFFO  
Matthew McCormick, RFFO  
Carl Sykes, RFFO  
Joe Springer, RFFO  
Regina Sarter, RFFO  
Dorothy Newell, RFFO  
Mike Lehr, SAIC  
Paul Pigeon, RTG  
Ben Evans, K-H  
Leon McGovern, K-H  
William Gomez, K-H  
Sharon Hardin, K-H

P.4/A



SUBSTATION

APPROX. A-FRAME  
APPROX. A-FRAME  
APPROX. A-FRAME

Project Disturbance Limits

PATROL ROAD

PROTECTED

12" CMP

#445  
SET #4 REBAR  
N 37673.453  
E 10949.959  
ELEV. 5976.61

18" CMP FROM S.E.

IHSS 197

IHSS 117.1

THSS 172

TRAIL

Existing PIDAS Fence

Edge of Existing Road

Project Disturbance Limits (Approx.)

Key

APPROX. TRANSMISSION

BLDG. 550 GUARD POST

PIDAS AREA

117.1

197